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| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| Review of Mitosis  Activity | **In class investigation** (Gizmo of meiosis) | Consolidation of Gizmo and go over meiosis stages | Sources of variance in Meiosis (crossing over, independent assortment) | Dry-Lab  Comparing mitosis and  Meiosis slides  Self-assessment |
| Gamete formation and  Review for quiz 1 | Quiz 1  In class investigation comparing traits | Origins of genetics (historical Case study) | Inheritance of one trait (monohybrid cross; probability)  Exit slip | Inheritance of two traits (dihybrid cross and test cross)  Exit slip |
| Incomplete, complete and codominance | Wet Lab  Blood typing lab | Recessiveness, sex-linkage and introduction to pedigree | Genetic disorders and analysis of pedigree  Hand out outline for STSE assignment | Karyotype and meiosis mistakes |
| Work period (computer lab) | Presentations | Presentations | Review | Unit Test |